

REMARKS

The office action of October 23, 2003 has been reviewed and its contents carefully noted. Reconsideration of this case, as amended, is requested. Claims 1 through 23 being cancelled and replaced by new claims 1 through 17. No new matter has been added. Please refer to the claim chart below.

<u>New Claim Number</u>	<u>Old Claim Number</u>	<u>Comments</u>
24	1	Amended to add limitations from pages 12-16 and Figure 2.
	2	Incorporated into new claim 1.
25		Newly added claim similar to originally filed claim 3. Support in the specification on pages 13-14, lines 22-8.
26	3	Amended original claim 3 to correspond to amended claim 1.
27		Newly added claim. Support in the specification on page 13, lines 15-18.
28	4	Original.

29	5	Original.
30	6	Original.
31	7	Original.
32	8	Original.
33	9	Original.
34	10	Amended to add amended claim 3 to amended claim 1.
	11	Cancelled.
	12	Cancelled.
	13	Cancelled.
	14	Cancelled.
	15	Cancelled.
	16	Cancelled.
	17	Cancelled.
35	18	Amended to add further steps which take place prior to those listed in the original claim 18. Support in the specification is on pages 30-31 and Figure 11.

36	19	Original.
37	20	Original.
38	21	Original.
39	22	Original.
	23	Cancel.
40		Newly added method relating to generating an image using the processing module. Support in the specification on pages 12-16 and Figure 2.

The specification was amended to correct for grammatical and idiomatic errors.

The Applicants note the Notice from the Official Draftsman referring to certain informalities in the Drawings. Replacement drawings correcting the informalities will be provided at an appropriate time.

Rejection(s) under 35 U.S.C. §102

Claims 1-7, 9-21 and 23 were rejected under 35 U.S.C. 102(b) as being anticipated by Wang et al. (WO 97/05558). Applicant respectfully disagrees with the rejection. Claims 1-7, 9-21, and 23 have all been cancelled. The rejection is now moot.

Wang et al. does not show "...a parallel execution module having a plurality of functional execution units coupled together, each functional execution unit performing a predetermined

expression from the algorithm and in electrical communication with a data flow unit, the data flow unit (DFU) coupled to the bulk memory bank and the parallel execution module, wherein the data flow unit retrieves and supplies data to the functional execution units on each clock cycle, wherein the functional execution units receive data from the data flow unit and return data results at least once every clock cycle." Reconsideration and withdrawal of the rejection are respectfully requested.

Claims 1-7, 9-21 and 23 were rejected under 35 U.S.C. 102(e) as being anticipated by Wang et al. (5,991,695). Applicant respectfully disagrees with the rejection. Claims 1-7, 9-21, and 23 have all been cancelled. The rejection is now moot.

The arguments for the above 35 U.S.C. 102(b) rejection of the same claims for Wang et al. (WO 97/05558) presented above are herein incorporated by reference for Wang et al. (5,991,695), since, as stated by the Examiner, each reference has the same disclosure and are sister references with sister rejections. Reconsideration and withdrawal of the rejection are respectfully requested.

Allowable Subject Matter

Applicant gratefully acknowledges Examiner's statement that originally filed claim 22 is allowable and that originally filed claim 8 would be allowable if it were rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Applicant believes the claims, as amended, are patentable over the prior art, and that this case is now in condition for allowance of all claims therein. Such action is thus respectfully requested. If the Examiner disagrees, or believes for any other reason that direct contact with Applicants' attorney would advance the prosecution of the case to finality, he is invited to telephone the undersigned at the number given below.

"Recognizing that Internet communications are not secured, I hereby authorize the PTO to communicate with me concerning any subject matter of this application by electronic mail. I understand that a copy of these communications will be made of record in the application file."

Respectfully Submitted:

Drummond et al.-

By: 

Lynda Wood, Reg. No. 53,791

Attorney for Applicant

BROWN & MICHAELS, P.C.

400 M&T Bank Building - 118 N. Tioga St.

Ithaca, NY 14850

(607) 256-2000 • (607) 256-3628 (fax)

e-mail: lwood@bpmlegal.com

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